

Notice of Allowability

Application No.

10/608,486

Examiner

Jennifer C. McNeil

Applicant(s)

GREENBERG ET AL.

Art Unit

1775

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/19/05.
2. ☒ The allowed claim(s) is/are 13-23, 26, 41-65, 67, 68 and 70-81.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 9/29/05
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

JENNIFER MCNEIL
PRIMARY EXAMINER

9/29/05

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jacques Miles on September 23, 2005.

The application has been amended as follows:

IN THE CLAIMS:

Claim 68, line 1, delete "activatable" and insert therefor --activated--.

Claim 68, line 8, delete "activatable" and insert therefor --activated--.

Claim 70, line 1, delete "activatable" and insert therefor --activated--.

Claim 70, line 2, delete "activatable" and insert therefor --activated--.

Claim 71, line 1, delete "activatable" and insert therefor --activated--.

Claim 71, line 3, delete "activatable" and insert therefor --activated--.

Claim 72, line 1, delete "activatable" and insert therefor --activated--.

Claim 73, line 1, delete "activatable" and insert therefor --activated--.

Claim 74, line 1, delete "activatable" and insert therefor --activated--.

Claim 74, line 2, delete "activatable" and insert therefor --activated--.

Claim 74, line 6, delete "activatable" and insert therefor --activated--.

Claim 75, line 1, delete "activatable" and insert therefor --activated--.

Claim 76, line 1, delete "activatable" and insert therefor --activated--.

Claim 76, line 6, delete "activatable" and insert therefor --activated--.

Claim 76, line 8, delete "activatable" and insert therefor --activated--.

Claim 76, line 12, delete "activatable" and insert therefor --activated--.

The following is an examiner's statement of reasons for allowance: The prior art of record does not teach or render obvious the article as limited in the present claims. Specifically, the prior art of record does not teach the combination of a photocatalytically-activated self-cleaning article comprising a substrate, and a photocatalytically activated self-cleaning coating thereon having a thickness of less than 1000 Angstroms, applied via the claimed methods, and further being present on the substrate as one layer of a multilayer stack of coatings wherein the photocatalytically-activated layer is not the uppermost layer.

Claims 68, 70-76 were amended to reflect the coating as being "photocatalytically activated" and not merely "photocatalytically activatable", as "activatable" does not impart any photocatalytic limitations but would simply require an ability to be activated.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

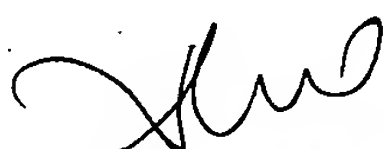
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer C. McNeil whose telephone number is 571-272-1540. The examiner can normally be reached on 9AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Deborah Jones can be reached on 571-272-1535. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 1775

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jennifer McNeil
Primary Examiner
September 29, 2005



JENNIFER MCNEIL
PRIMARY EXAMINER